

Plant Species of Concern Survey Form
MONTANA NATURAL HERITAGE PROGRAM - 2005 Revision
P.O. Box 201800, 1515 E. Sixth Avenue, Helena, MT 59620-1800

At a minimum complete all fields in **Bold** and provide at least 1 of the following; Township/Range/Section data, GPS coordinates or a photocopy of a topographic or other detailed map with the occurrence accurately marked. Please provide as much detail as possible for the remaining fields. Further details on completing this form are available at <http://mtnhp.org>.

Scientific Name: _____ **Survey Date:** ____/____/____

Observer(s): _____

Site Name: _____ County: _____

USGS Quad: _____ TRS Data _____

Ownership (Include contact info for private property): _____

Directions to site: _____

Occurrence Data

Total Number: _____ of ☐ Individual plants ☐ stems ☐ clumps **Basis:** ☐ actual count ☐ estimate

If the occurrence is composed of multiple, discrete areas (subpopulations) record the number of subpopulations:

Number of Subpopulations: _____ and the **population estimate/count for each:** 1. _____ 2. _____ 3. _____
4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. _____ 12. _____ 13. _____

Total of subpopulation estimates/counts should equal the Total Number listed above

Survey Extent: Are you reasonably confident that the area surveyed and mapped represents the full extent of the population?

☐ Yes ☐ No ☐ Uncertain If No or Uncertain, describe the un-surveyed area (extent, location):

Comments: _____

Phenology (%): Vegetative/Pre-flower: _____ Flowering/Budding: _____ Fruiting/Dispersed: _____

Comments: _____

Voucher Specimens? (collector, # and repository): _____

ID Verified by? _____ **Photo Available?** ☐ plant photo ☐ habitat photo

Comments: _____

Topographic Map: Attach a photocopy of the pertinent survey area from a USGS quad map or other detailed map if available and indicate on the map the exact point locations or boundaries of the observed population or subpopulations, numbered to correspond to the subpopulation numbers above.

Habitat and Site Data

If the occurrence is composed of subpopulations, the following information should be recorded for each subpopulation (on separate sheets labeled with the subpopulation number) if the data is variable across subpopulations or as needed to thoroughly document the occurrence.

Elevation: (average or range): _____ Slope (average or range in %): _____

Aspect: ☐N ☐NE ☐E ☐SE ☐S ☐SW ☐W ☐NW (check all that apply)

Parent Material: _____ Soil Texture/Type: _____

Dominant Species (highest % cover)

1: _____
2: _____
3: _____
4: _____
5: _____
6: _____
7: _____
8: _____
9: _____
10: _____

Exotic Species (species and *abundance)

1: _____
2: _____
3: _____
4: _____
5: _____
6: _____
7: _____
8: _____
9: _____
10: _____

*Abundance codes for exotic species within or immediately adjacent to the occurrence are: Rare, Infrequent, Occasional, Frequent, and Abundant

General Site Description (habitat, vegetation community, topography, etc): _____

Disturbances/Land use/Threats: _____

GPS Coordinates: Datum: ☐NAD27 ☐NAD83 UTM Zone: _____

Northing/Latitude: _____ Easting/Longitude: _____

Additional Coordinates or Waypoints: _____
